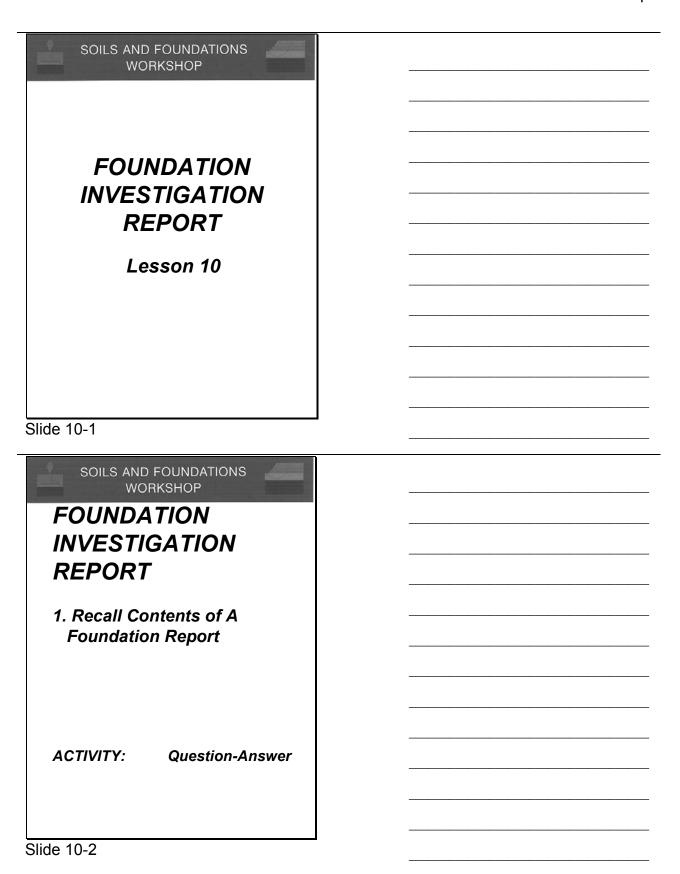
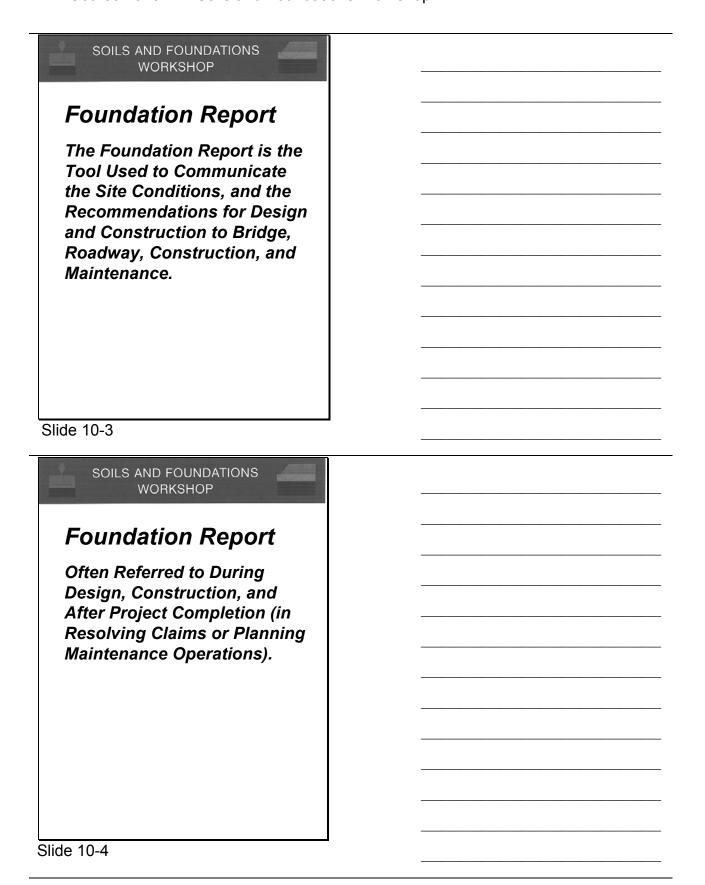
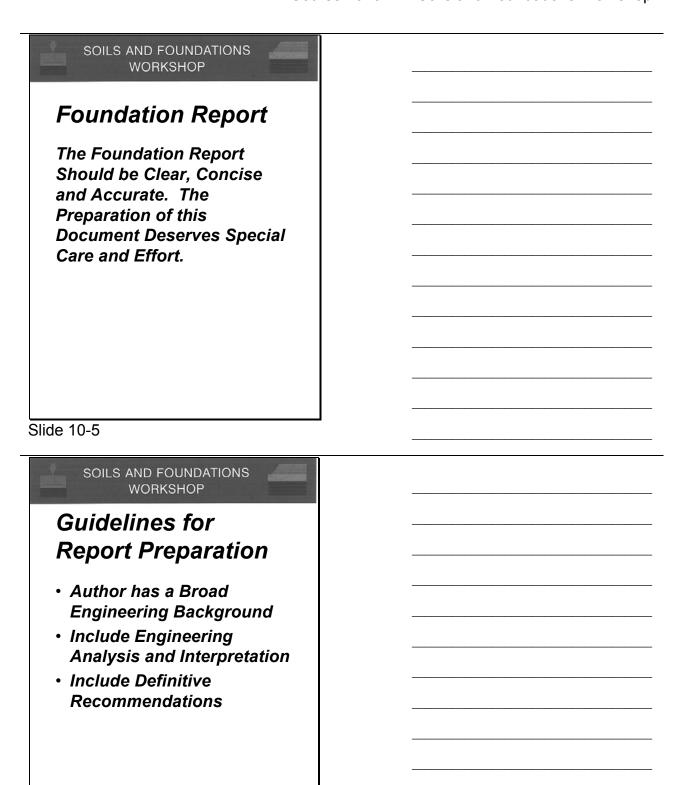
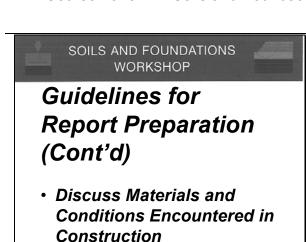
LESSON 10

Foundation Investigation Report

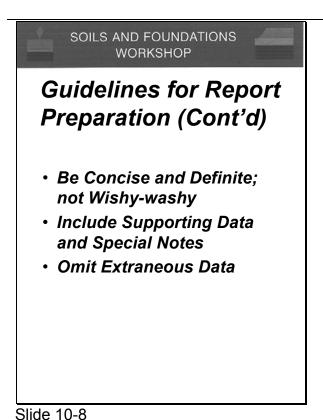








 Anticipate Problems and List Solutions



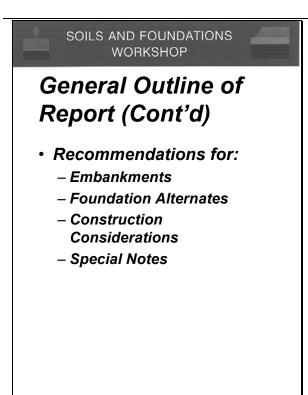


General Outline of Report

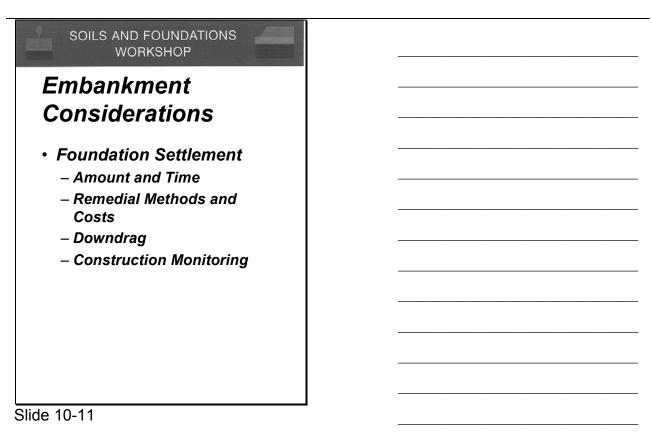
- Introduction
- Scope
- · Date of Reference Plans
- Interpretation of Subsurface Conditions

Slide 10-9

Slide 10-10



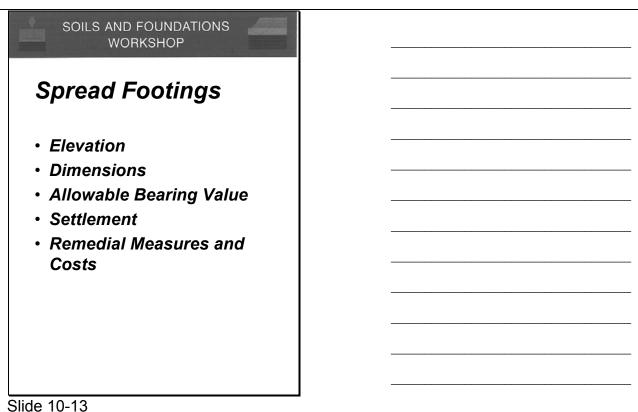
Participant Workbook

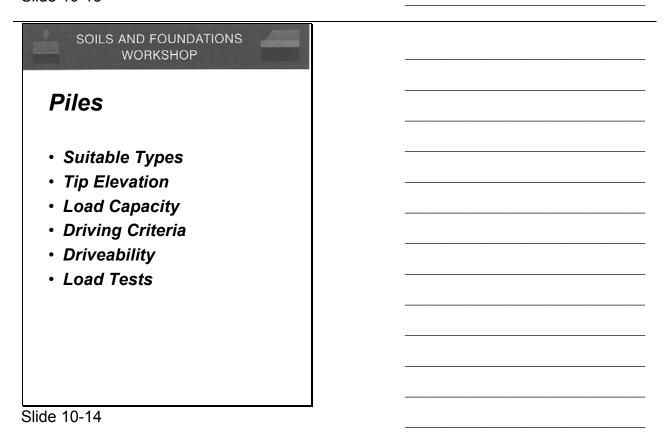


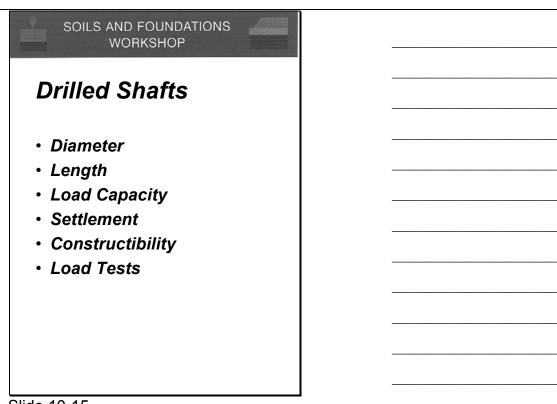


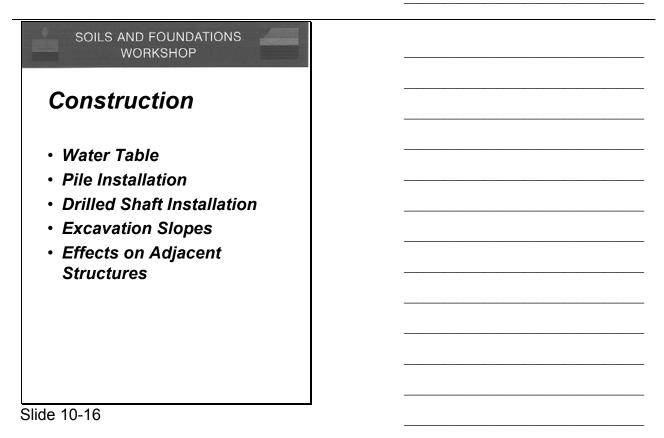
Embankment Considerations (Cont'd)

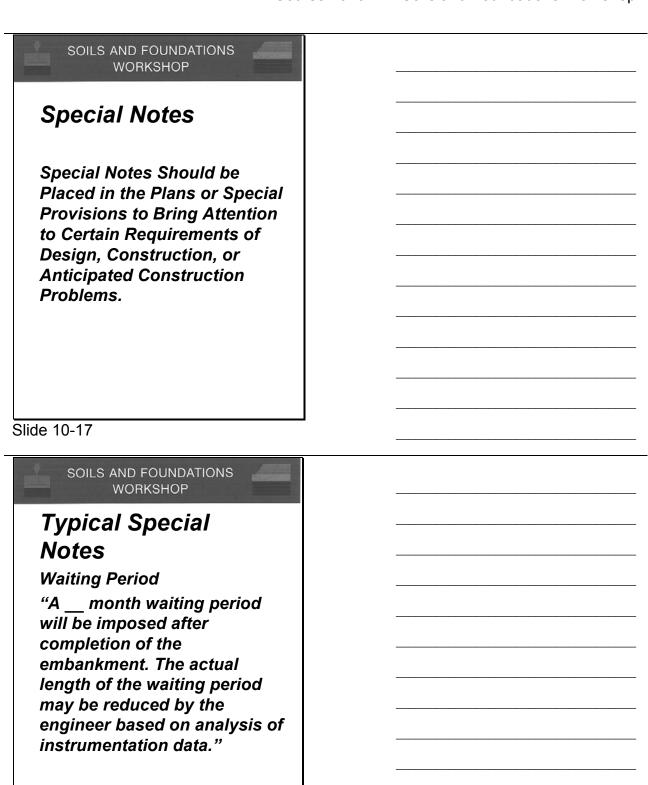
- Fill Construction
 - Materials and Construction
- Fill Stability
 - Remedial Measures and Costs
 - Safety Factor













Typical Special Notes

Cofferdam Dewatering
"The contractor's attention is
directed to the soil sample
gradation test results, on
Drawing ___, which are
furnished to assist the
contractor in determining
dewatering procedures."

Slide 10-19



Typical Special Notes

Construction Instrumentation "Instrumentation damaged by the contractor shall be repaired or replaced at the contractor's expense. All construction activity in the area of the instrument shall cease until the damage has been corrected."



Subsurface Information Available to Bidders

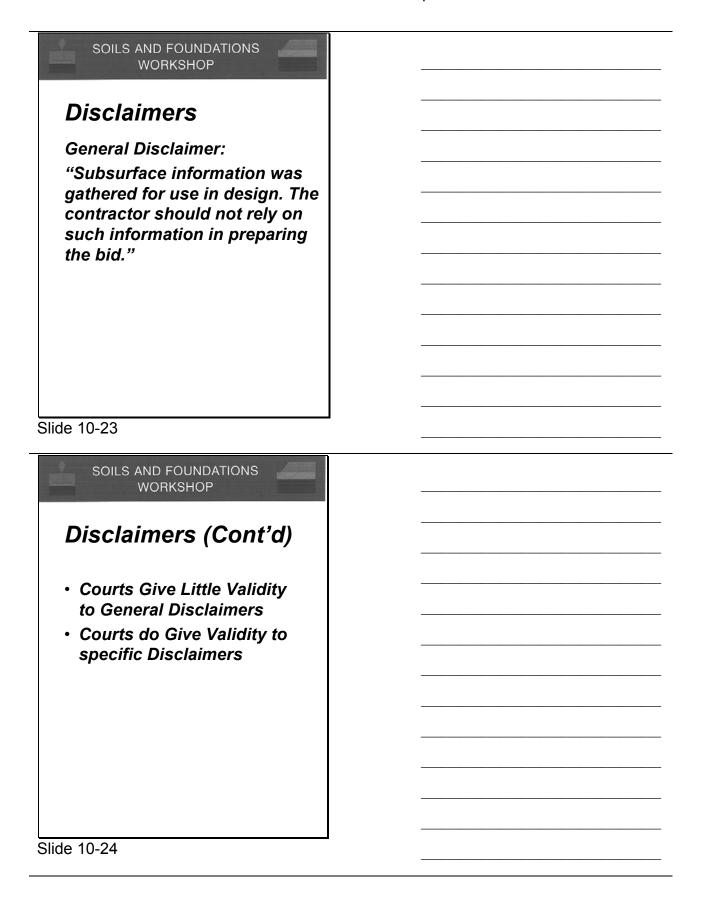
- Generalized Subsurface Profile or Boring Logs on the Contract Plans
- Lab Test Results & Soil/Rock Samples Made Available for Inspection

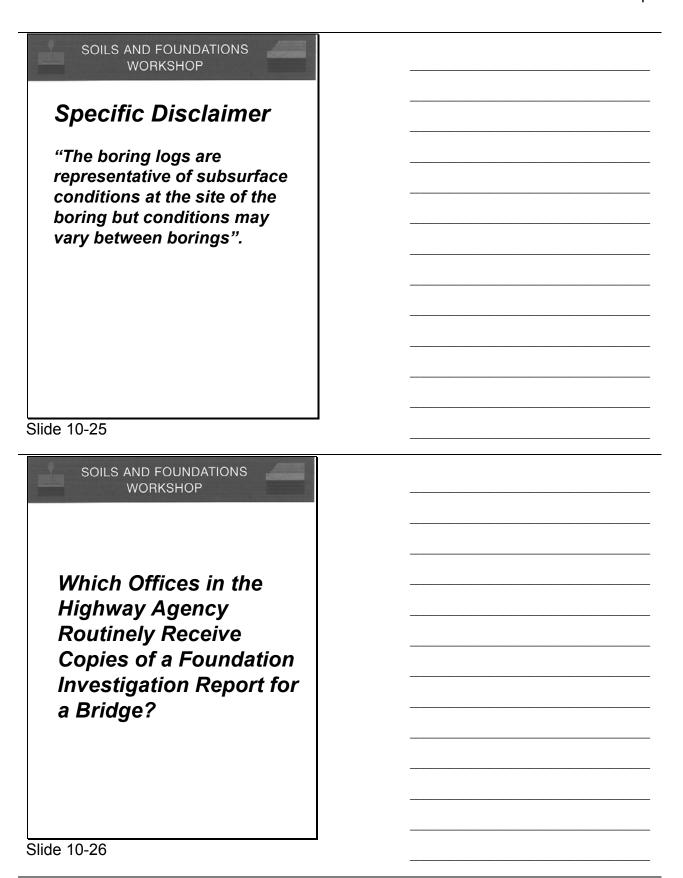
Slide 10-21

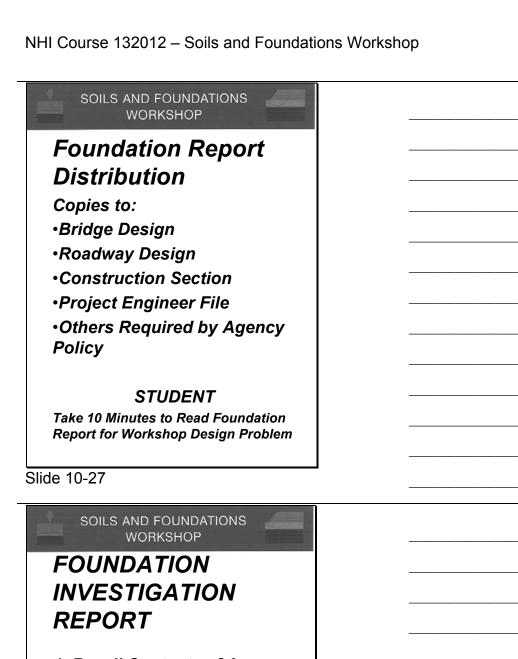


Subsurface Information Available to Bidders

- Bid Invitation Shows
 Where and When All
 Available Information may
 be Inspected
- Agency Documents
 Contractor Inspection of Information







1. Recall Contents of A Foundation Report

ACTIVITY: Question-Answer